

Effector: Target Ratio

Fig. 1

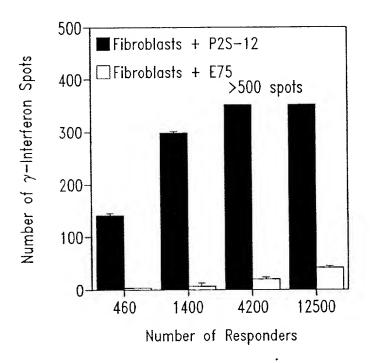


Fig. 2A

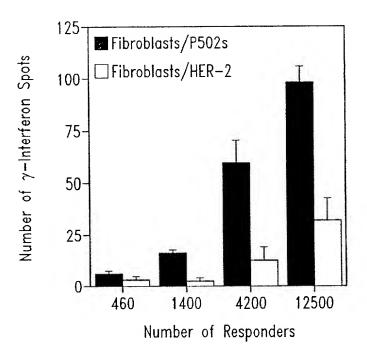


Fig. 2B

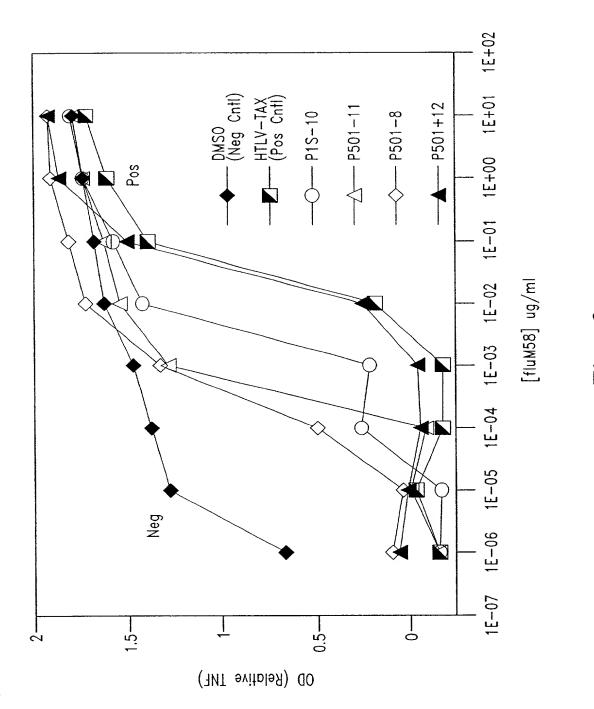


Fig. 3

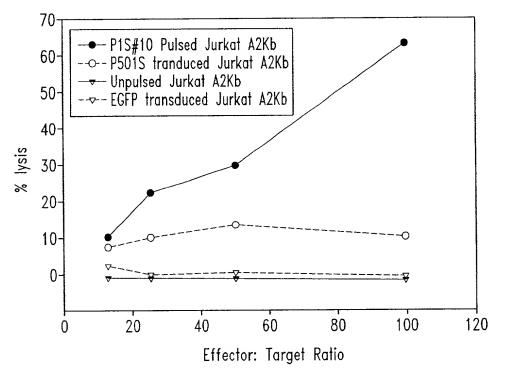


Fig. 4

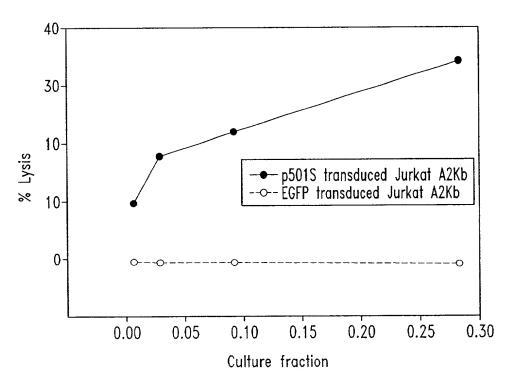


Fig. 5

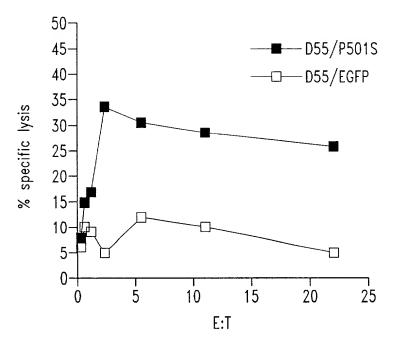


Fig. 6A

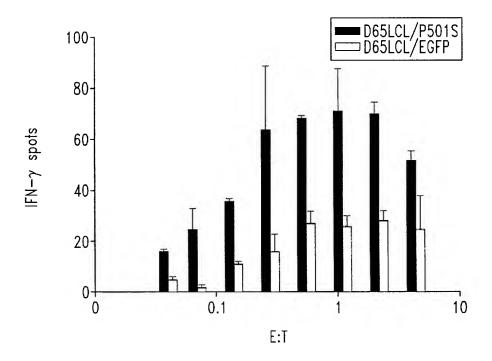
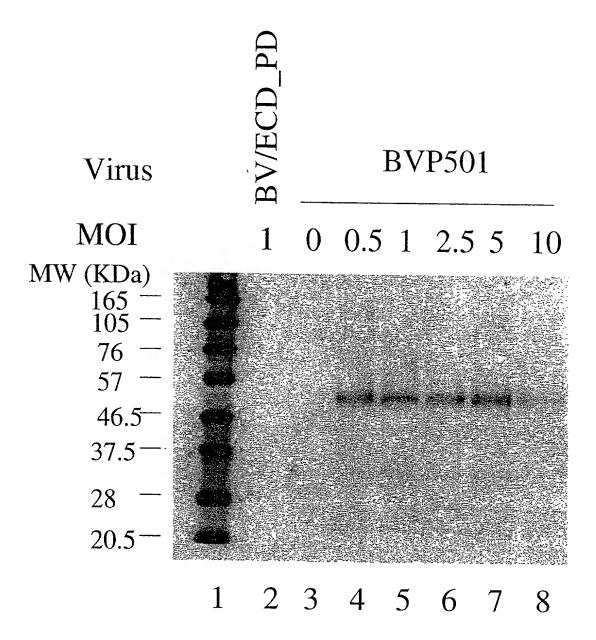


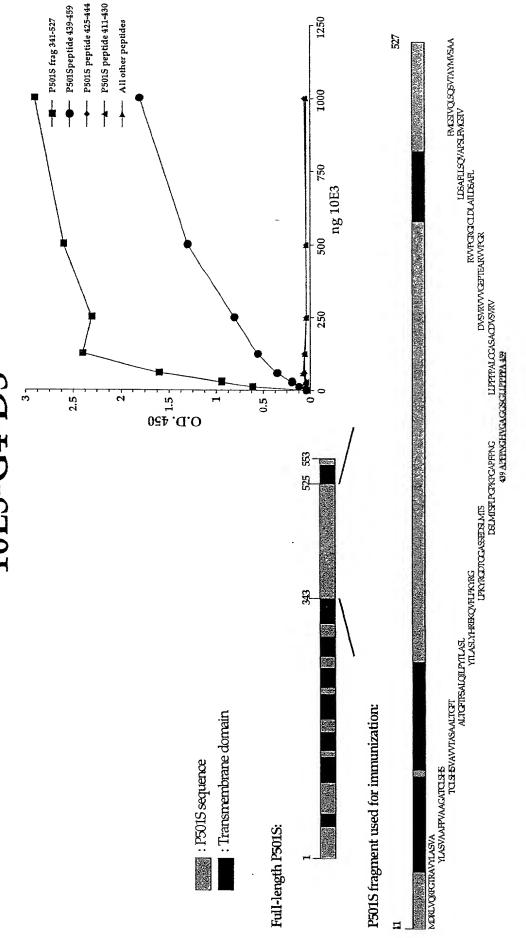
Fig. **6B**

Expression of P501S by the Baculovirus Expression System



0.6 million high 5 cells in 6-well plate were infected with an unrelated control virus BV/ECD_PD (lane 2), without virus (lane 3), or with recombinant baculovirus for P501 at different MOIs (lane 4 – 8). Cell lysates were run on SDS-PAGE under the reducing conditions and analyzed by Western blot with a monoclonal antibody against P501S (P501S-10E3-G4D3). Lane 1 is the biotinylated protein molecular weight marker (BioLabs).

Figure 8. Mapping of the epitope recognized by 10E3-G4-D3



N. 6. 1

transmembrane, cytoplasmic, and extracellular regions Figure 1. Schematic of P501S with predicted

ANYORIANY WIRK AQUALYNINGEPOLAAGIT VAPPILLENGARIGEN TRIVIORES ACYDLAGAA

DHWRGREGERE ELYALSLOILLSLEIFIRAGIYL AGTI CPDPRIT E LALLILGYGLLDFCGQYCFTPL

FALLSDEFROPORCRE AYSYYABRUSLOOCI OYU PAL DWIYISALAPVLATQEB

CLICELETERECYNATELY AFFAAFOFFAFAFARASPIEG PERARAFRALDALFRE

HOLGCRAFFRTURE LPYART CSWMAINTER FYLDE YGLGLYGGYPILAGOTLARRILYDRGYLL

MOSLOLITOCAISLYFSLYNI *drivqufgttanntas* ynaffyaagatglshsyaa **saa**

LTGETTSAL<u>olle</u>yttlasly hrekqvelpkyrodtogassedstattropkpgapeprohygaggsgl

LPPPALCOASA CDVSVRVVVORPTEAR VVPGRG - ICLIDIANILDS AFILLSQYAPSLL! - MGSIVQLSQS

YTAYMYSAAGILGILYALYFAT Q*vvfdksdlak*ysa

Halic vequence: Predicted intracellular domain. Sequence in bold/underlined, used to generale polyclonal rabbit semm Underlined segmence: Predicted transmembrane domain; Bold sequence: Predicted extracellular domain;

Coverning Amino Acid Composition of Integral Membrane Proteins: Applications to topology Prediction, J.Mol Biol. 283, Localization of domains predicted using UMMTOP (C.E. Tusnady and L. Simon (1998) Principles

Genomic Map of (5) Corixa Candidate Genes

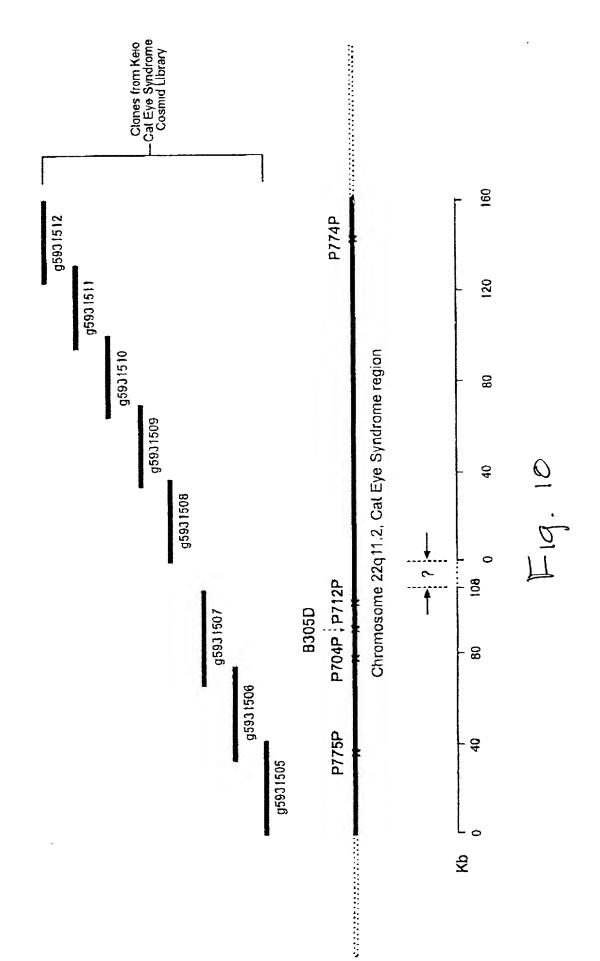


FIGURE 4. Elisa assay of rabbit polyclonal antibody specificity

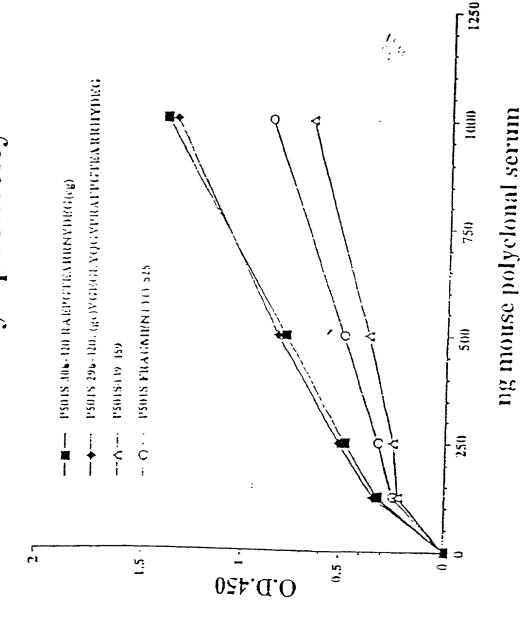


Fig. 11

```
10
                                                                       20
                                                                                                         30
                                                                                                                                            40
                                                                                                                                                                           50
                                                                                                                                                                                                              60
                                                                                                                                                                                                                                                70
        <u> den de la colonia de la colo</u>
                                                                                                 man and a second control of the second contr
        GTCACTTAGGAAAAGGTGTCCTTTCGGGCAGCCGGGCTCAGCATGAGGAACAGAAGGAATGACACTCTGG 70
        ACAGCACCCGGACCCTGTACTCCAGCGCGTCTCGGAGCACAGACTTGTCTTACACTGAAAGCGACTTGGT 140
        GAATTTTATTCAAGCAAATTTTAAGAAACGAGAATGTGTCTTCTTTACCAAAGATTCCAAGGCCACGGAG 210
        AATGTGTGCAAGTGTGGCTATGCCCAGAGCCAGCACATGGAAGGCACCCAGATCAACCAAAGTGAGAAAT 280
        GGAACTACAAGAAACACAACAAGGAATTTCCTACCGACGCCTTTGGGGATATTCAGTTTGAGACACTGGG 350
                                  360
                                                                    370
                                                                                                       38C
                                                                                                                                         390
                                                                                                                                                                         40G
                                                                                                                                                                                                           410
        materile and a section of the sectio
       GAAGAAÄGGGAAGTATATACGTCTGTCETGCGACACGGGACGCGGAAATCCTTTACGAGCTGCTGACCCAG 420
        CACTGGCACCTGAAAAAALALCCAACCTGGTCATTTCTGTGACCGGGGGGGCGAAGAACTTCGCCCTGAAGC 490
       CGCGCATGCGCAAGATCTTCAGCCGGCTCATCTACATCGCGCAGTCCAAAGGTGCTTGGATTCTCACGGG 560
       AGGCACCEATTATGGECTGACGAAGTAEATEGGGGGAGGTGGTGAGAGATAACACCATEAGCAGGAGTTEA 630
        GAGGAGAATATTGTGGCCATTGGCATAGCAGCTTGGGGGCATGGTCTCCAACCGGGAJACCCTCATCAGGA 700
                                 710
                                                                    720
                                                                                                       73C
                                                                                                                                         740
                                                                                                                                                                         750
                                                                                                                                                                                                          760
                                                                                                                                                                                                                                            77C
        ATTGEGATGCTGAGGGCTATTTTTTAGCCCAGTACCTTATGGATGACTTCACAAGGGATGCACTGTATAT 770
        SCTGGACAACAACCACACACATTTGCTGCTGGTGGATAATGGCTGTCATGGATATCCCACTGTGAAGCA 840
       AAGCTCCGGAATCAGCTAGAGAAGCATATCTEFGAGCGGACTATTCAAGATTCCAACTATGGTGGCAAGA 910
        TODECATIBIBISTITIGECCAAGGAGGIGGAAAAGAGACTITGAAAGCCAIDAATAGCTECATCAAAAA 980
        TAAAATTEOTTGTGTGGGGGTGGAAGGCTCGGGGCCGGATCGCTGATGTGATCGCTAGCCTGGTGGAGGTG 1050
                                 1060
                                                                                                     1980
                                                                                                                                       1090
                                                                                                                                                                       1100
      GAGGATGCCCCGACATETTCTGCCGTCAAGGAGAGAGGTGGTGCGTTTTTACCCCGGCACGGTGTCCCGGC 1120
      TGTCTGAGGAGAGACTGAGAGTTGGATCAAATGGCTCAAAGAA4TTCTCGAATGTTCTCACCTATTAAC 1190
AGTTATTAAAATGGAAGAAGCTGGGGATGAAATTGTGAGCAATGCCATCTCCTAGGCTCTATACAAAGCC 1260
TTCAGCACCAGTGAGCAAGACAAGGATAACTGGAATGGGC-GITGAAGCTTCTGCTGGAGTGGAACCAGC 1330
TGBACTTAGCCAATGATGAGATTTTCACCAATGACCGCCGATGGGAGTCTGCTGACCTTCAAGAAGTCAT 14CO
141C
                                                                   1420
                                                                                                     1430
                                                                                                                                      1440
                                                                                                                                                                      1450
                                                                                                                                                                                                        1460
                                                                                                                                                                                                                                         1470
      GTTTACGGCTCTCATAAAGGACAGACCCAAGTTTGTCCGCCTCTTTCTGGAGAATGGCTTGAACCTACGG 1470
      AAGTTTCTCACCCATGATGTCCTCACTGAACTCTTCTCCAAGCACTTCAGCACGCTTGTGTACCGGAATC 1540
      TGCAGATCGCCAAGAATTCCTATAATGATGCCCTCCTCACGTTGTCTGGAAACTGGTTGCGAACTTCCG
      AAGAGGCTTCCGGAAGGAAGACAGAAATGGCCGGGAAGATGGACATAGAACTCCACGACGTGTCTCCT
      ATTACTEGGCACCOCCTGCAAGCTETETTCATCTGGGCCATTCTTCAGAATAAGAAGGAACTCTCCAAAG 1750
                                1760
                                                                  1770
                                                                                                    178C
                                                                                                                                                                      180C
                                                                                                                                                                                                      1810
                                                                                                                                                                                                                                        1320
                                                                                                                                TEATTTGGGAGCAGAGCAGGGGCTGCACTCTGGC4GCCTGCGAGCCAAGCTTCTGAAGACTCTGGC
     CAAAGTGAAGAACGACATCAATGCTGCTGGGGAGTCCGAGGAGCTGGCTAATGAGTACGAGACCCGGGCF
     GTTGAGCTGTTCACTGAGTGTTACAGCAGCGATG44GACTTGGCAGAACAGCTGCTGGTGTATTCCTGTG
     AAGCTTGGGGTGGAAGCAACTGTCTGGAGCTGGGGGTTGGAGGC14GAGACGAGCATTTCACCGCCCAGCC 2030
     TEGGGTCCAGAATFTTCTTTCTAAGCAATGG14TGG4G4G4TTTCCCG4G4C4CCAAGA4CT3GA4G4TT
```

Fig. 12A(2)

TTGATCATTGGGATGAGCATURETGTGC4TGAATECTATTGCTGTATTTGGGAAAATTTTCCAAGGTTAG 4480 ATTECAATAAATATETATTATTATTAAAATTATAAAATTATCGATTTATTAAAACCATTTATAAAGGCT 4550

2170

2160

2150

2140

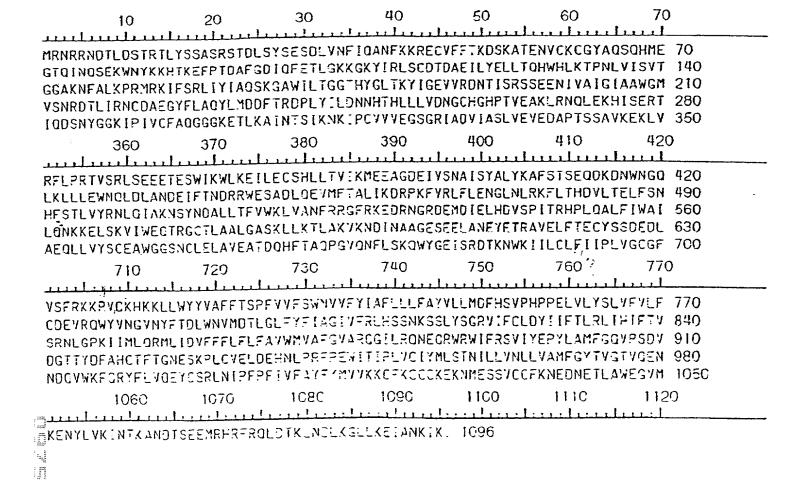
TCCTGTGTCTGTTTATTATACCCTTGGTGGGCTGTGGCTTTGTATCATTTAGGAAGAAACCTGTCGACA 2170

213C

2129

2110

		4560	4570	4580	4590	4600	4610	4620	
	بيليين	يبيلين	بالبينانيا	سيبلين	سيلينيا	لسلسا		L	
	TTTTCAT	TAAATGTA	TAGCAAATAGGA	ATTATTAA	CTTGAGCATA	AGATATGAGAT	ACATGAACCT	GAACT 4620	
	ATTAAAA	ATAAAATA	TTATATTTAACC	CTAGTITA.	AGAAGAAGTCA	ATATECTTAT	TTAAATATTA	TGGAT 4690	
	GGTGGGG	CAGATCAC	TTGAGGTCAGGA	GTTCGAGA	CCAGCCTGGC	CAACATGGCAA	AACCACATET	CTACT 4/60	
	AAAAATA	AAAAAA	TAGCTGGGTGTG	GIGGIGCA	CTCAACCAAC	LUAGUTAUTU	AGAAGGCIGA	661AL 4830	
	AAGAATT	rgctggaa	CCTGGGAGGCGG						
		4910	4920	4930	4940	4950	4960	4970	
	ىلىيد	ullur	ىلىنىلىنىل	<u> </u>	<u> </u>	\		TATCC //070	
	TGACAG	AGTGAGAC	TCCGACTGAAAA	AAATAAA	I AAA I AAA I AA STOTT ACTOA :	ARIARAIAAA; ACACCTOTACT	CCCACCTTTC	TATES 49/U	
	ATGGTG	AAGGGAAT	GGTATAGAATTG GAGCAGGATGTG	CACAACCC	A I CITACIGAZ NATTO A A A TO	CALETGIAGI CCAZAATTAC	TTTCTCACCT	TTCAA 5110	-
			AGTGGCTGAAGG						
			ACTAAAAAAAGTT						
	CIACAA	5260	5270	5280	5290	5300	5310	5320	
		- 5260 	hundind						
			GCAAGGAATTAA					GAAAA 5320	
			AGAAGCAACTTG						
			AGGTTACTCTGA						
			TACTTCTAATCA						
	CTTTIG	CACAACTO	AGAATECTGCGG	CTTGGTTT	4ATGAGTGTG	FTCATGAAATA	AATAATGGAG	GAATT 5600	
		56 IC	5620	5630	5640	5650	5660	5670	
-	<u>l.</u>	<u>l</u>	1,,,,1,,,,1			·			
:53	GTCAAA	<i>4444444</i>	ルイドイベイススススイス	(ブマケアアファ	2777747744	PAAAAAAAAAA	AAAAAAAAA	AAA 5668	
- 1									
11 2									
i sain									
Secretary of the secret									
1 .4.3						,			
: Top									
in a									
113									
1									



-

-